

**Flood Control Project Maintenance****2012 Structure Summary Report****Overall Unit and Item Ratings****Reclamation District No. 2096 Wetherbee Lake****Wetherbee Lake Pumping Plant & Navigation Gate**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Operating Log	A
	Operation & Maintenance Manual	U
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	M
	Trash Rakes	N
	Sluice / Slide Gates	N
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	A
	Security Fencing	A
	Intake and Discharge Pipes	A

**Flood Control Project Maintenance****Unit Cover Sheet****2012 Pumping Plant Inspection Results****Reclamation District No. 2096 Wetherbee Lake**

Pumping Plant
Wetherbee Lake Pumping Plant & Navigation Gate

Pumping Plant Rating	<b>M</b>
Date of Inspection	7/18/2012
DWR Inspector	Max Khashchuk
Accompanied By	Randy Barker RD-2096 Wetherbee Lake

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2012**

**Wetherbee Lake**

Structure						Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate							07/18/2012 07/18/2012	Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: O&M log presented at time of inspection	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	1 Y
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		U	Inspector Comments: O&M manual was not present at time of inspection. LMA is in procees of creating posted operating instructions at pump station.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Building protects the controls only.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	3 Y
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Trustee has cellular phone.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No hazards noted	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: Item does not apply, cranes are not present on site.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear to be in working order, trustee has stated that pumps have been running until mid July.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No electrical deficiencies observed. Backup generators can be brought in on an emergency basis.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All items appear operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	10
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Controls are free of damage and appear to operate normally.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	11
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Sump is clear of debris.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	12
12	0.00	0.00	Pump Stations	Trash Racks		M	Inspector Comments: Trash rack is present, however one panel is missing from rack.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	13 Y
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: No trash rake present.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	14
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		N	Inspector Comments: No slide gates present	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	15

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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Wetherbee Lake Pumping Plant & Navigation Gate							07/18/2012 07/18/2012	Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Item appears to be in good working condition. Radial arm gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	16 Y
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear to be maintained and in good working order.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	17 Y
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Other exposed metal items are painted or coated to prevent corrosion.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	18
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates appear to be fully operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	19 Y
19	0.00	0.00	Pump Stations	Closure Structures		A	Inspector Comments: Radial arm gate acts as closure structure, gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	20 Y
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Security fencing is in place. Closed circuit cameras are also in place.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	21 Y
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes appear to be free of defects.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	22

**\* Location**

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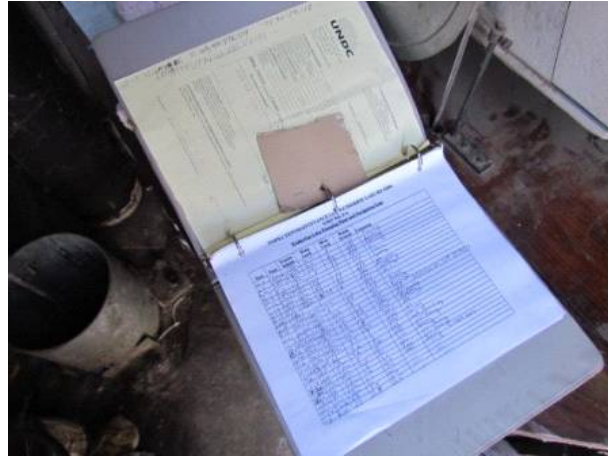
**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2012**

**Wetherbee Lake**

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		07/18/2012 07/18/2012	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
07/18/2012 Operating Log	
mkhashch_t_20120719_461.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
07/18/2012 Pump operationg building	
mkhashch_t_20120719_462.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of "Building" 07/18/2012	
mkhashch_t_20120719_469.JPG	

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Wetherbee Lake Pumping Plant & Navigation Gate		07/18/2012 07/18/2012	Maksim Khashchuk

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
07/18/2012 Section of trash rack is missing, missing section would be in upper left of photo.	
mkhashch_t_20120719_463.JPG	



Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Electric Gate Operators
View of radial arm gate controls. 07/18/2012	
mkhashch_t_20120719_464.JPG	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of manual gate operators. 07/18/2012	
mkhashch_t_20120719_465.JPG	

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Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of flapgates. 07/18/2012	
mkhashch_t_20120719_466.JPG	



Levee Mile Report Line	19
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Closure Structures
Radial arm gate, shown in open position. 07/18/2012	
mkhashch_t_20120719_467.JPG	



Levee Mile Report Line	20
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Security Fencing
View of typical security fencing.	
mkhashch_t_20120719_468.JPG	

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